

From: ["COLLINS Jamie" <Jamie.Collins@state.or.us>](mailto:Jamie.Collins@state.or.us)  
To: ["Fowlow, Jeffrey" <Fowlow.Jeffrey@epa.gov>](mailto:Fowlow.Jeffrey@epa.gov)  
["BROWN Geoff" <Geoff.BROWN@state.or.us>](mailto:Geoff.BROWN@state.or.us)  
Date: 2/20/2019 5:03:07 PM  
Subject: FW: Update - 18 Feb 2019 - Lindsey Lake Tanker Spill (I-84, MP 54; OERS 2019-0334)

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FYI. Directions from ODFW – permission required for collection of any deceased wildlife.

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**From:** PETTIT Don <Don.PETTIT@state.or.us>  
**Sent:** Wednesday, February 20, 2019 4:00 PM  
**To:** GERMOND Jon P <Jon.p.Germond@state.or.us>  
**Cc:** 'Michael Broncheau CRITFC' <brom@critfc.org>; 'THOMS Bryn' <Bryn.Thoms@state.or.us>; 'KENNEDY Charles' <Charles.KENNEDY@state.or.us>; RICHARDSON Chris <Chris.RICHARDSON@state.or.us>; ANDERSON David <David.ANDERSON@state.or.us>; 'Franklin, Richard' <Franklin.Richard@epa.gov>; 'COLLINS Jamie' <Jamie.Collins@state.or.us>; 'Rob Lothrop' <LOTR@critfc.org>; 'Marla Steinhoff NOAA 206-526-6341 (Desk) (b) (6)' <marla.steinhoff@noaa.gov>; 'Matt Bissel NOAA (b) (6)' <matthew.bissell@noaa.gov>; ZOLLITSCH Michael <Michael.J.ZOLLITSCH@state.or.us>; 'Mike Szumski' <mike\_szumski@fws.gov>; 'Blaine Paarker CRITFC' <parb@critfc.org>; FRENCH Rod A <Rod.A.French@state.or.us>; SEALS Jason T <T.Jason.Seals@state.or.us>; 'Tom Hausmann NOAA (b) (6)' <tom.hausmann@noaa.gov>  
**Subject:** RE: Update - 18 Feb 2019 - Lindsey Lake Tanker Spill (I-84, MP 54; OERS 2019-0334)

Jon - Thanks for the callback today, glad you are feeling better. To recap a bit of what we discussed, you said that:

- ☐ Jason Seals and Rod French met with the RP Consultant/Biologist on site yesterday, and are comfortable with having them lead the observations/surveillance effort for the next few days...with ability to re-engage if the containment/collection situation changes significantly or if significant impacts to wildlife are noted.
- ☐ There are not likely redds in the gravels at Lindsey Creek mouth, and Lindsey Lake is considered less than optimal habitat due to the nature of its creation (behind constructed railway levee and adjacent highway) and due to the presence of non-native bass as primary fish species in lake.
- ☐ Priority should be given to keeping oil from entering Columbia River via the outfalls that pass through the railway levee by placing boom on both sides of the outfall (a situation I assumed to be in place, but need to be confirmed) and even considering temporary blockage of the outfall conduit with coordination with ODFW fish passage program/staff if needed to protect the Columbia River.
- ☐ If RP Consultant/Biologist needs to collect impacted (dead) wildlife, they will need authorization from ODFW if they don't already have that clearance. That can be done via e-mail if needed, and standard Chain of Custody procedures would need to be followed including COC form, and placed on ice in custody-sealed cooler or freezer until transport to receiving facility.
- ☐ I relayed that we will continue to evaluate the need for and timing of a formal SCAT survey in relation to the bulk of recovery operations and continued transport of diesel with melting snow/runoff, and may ask NOAA Scientific Coordinator (Matt Bissell) to help provide a team to lead the effort.

I think that captures the bulk of the discussion, and you may have additional details in an email later today...especially if I have missed anything. If any on the cc: list have comments or concerns, please relay to me and I will try to address.

Thanks Jon (and Jason and Rod)...

Don

**Don J Pettit**

Senior Emergency Response Planner | Emergency Response Program  
Oregon Department of Environmental Quality  
700 NE Multnomah Street, Portland, OR 97232  
Office: 503.229.5373  
Mobile: 971.563.7297  
[pettit.don@deq.state.or.us](mailto:pettit.don@deq.state.or.us)

-----Original Message-----

From: PETTIT Don

Sent: Tuesday, February 19, 2019 4:31 PM

To: GERMOND Jon P <[Jon.p.Germond@state.or.us](mailto:Jon.p.Germond@state.or.us)>; SEALS Jason T <[T.Jason.Seals@state.or.us](mailto:T.Jason.Seals@state.or.us)>

Cc: 'THOMS Bryn' <[Bryn.Thoms@state.or.us](mailto:Bryn.Thoms@state.or.us)>; 'KENNEDY Charles' <[Charles.KENNEDY@state.or.us](mailto:Charles.KENNEDY@state.or.us)>; 'PETTIT Don' <[Don.PETTIT@state.or.us](mailto:Don.PETTIT@state.or.us)>; 'Mike Szumski' <[mike\\_szumski@fws.gov](mailto:mike_szumski@fws.gov)>; 'FRENCH Rod A' <[Rod.A.French@state.or.us](mailto:Rod.A.French@state.or.us)>; 'COLLINS Jamie' <[Jamie.Collins@state.or.us](mailto:Jamie.Collins@state.or.us)>; 'ZOLLITSCH Michael' <[ZOLLITSCH.Michael@deq.state.or.us](mailto:ZOLLITSCH.Michael@deq.state.or.us)>; 'Franklin, Richard' <[Franklin.Richard@epa.gov](mailto:Franklin.Richard@epa.gov)>

Subject: RE: Update - 18 Feb 2019 - Lindsey Lake Tanker Spill (I-84, MP 54; OERS 2019-0334)

Importance: High

Jon and Jason - We just found a dead fish (bass?) within the source area containment. Mike Szumski has collected, but I am unsure its process from here. I light of that find, we would like to have a definitive plan for moving forward, potentially to include staff ability to access the area that is currently requiring respiratory protection. I think we could find a work around on that if you do not have anyone available with OSHA 40hr HazMat response training and a current fit test on respirator, but if you do have someone with that, it would be beneficial. In absence of that, we might be able to have the RP consultant do that area and recover any additional fish that may be found, turning them over to your staff.

If you have any requests in terms of how to handle this fish and/or any additional fish found in upcoming days, please relay...and of course general staffing of the response for monitoring/surveillance.

Thanks,

Don

-----Original Message-----

From: PETTIT Don

Sent: Tuesday, February 19, 2019 4:09 PM

To: GERMOND Jon P <[Jon.p.Germond@state.or.us](mailto:Jon.p.Germond@state.or.us)>; SEALS Jason T <[T.Jason.Seals@state.or.us](mailto:T.Jason.Seals@state.or.us)>

Cc: 'THOMS Bryn' <[Bryn.Thoms@state.or.us](mailto:Bryn.Thoms@state.or.us)>; 'KENNEDY Charles' <[Charles.KENNEDY@state.or.us](mailto:Charles.KENNEDY@state.or.us)>; 'PETTIT Don' <[Don.PETTIT@state.or.us](mailto:Don.PETTIT@state.or.us)>; 'Mike Szumski' <[mike\\_szumski@fws.gov](mailto:mike_szumski@fws.gov)>; 'FRENCH Rod A' <[Rod.A.French@state.or.us](mailto:Rod.A.French@state.or.us)>; 'COLLINS Jamie' <[Jamie.Collins@state.or.us](mailto:Jamie.Collins@state.or.us)>; 'ZOLLITSCH Michael' <[ZOLLITSCH.Michael@deq.state.or.us](mailto:ZOLLITSCH.Michael@deq.state.or.us)>; 'Franklin, Richard' <[Franklin.Richard@epa.gov](mailto:Franklin.Richard@epa.gov)>

Subject: RE: Update - 18 Feb 2019 - Lindsey Lake Tanker Spill (I-84, MP 54; OERS 2019-0334)

Jon and Jason - The Oregon State On-Scene Coordinator, Jamie Collins, has requested ODFW assistance at the Lindsey Lake Tanker Spill Site to conduct monitoring and surveillance of the site for impacted fish and wildlife. Of particular concern is the presence of Winter steelhead redds at the mouth of Lindsey Creek, which could be impacted by the migration of sheens/oils with runoff from the crash site. We were able to draft the USFWS and NOAA NMFS scientific staff to conduct the monitoring for the first week of the response, but we need to stand up a more robust state response at this time.

Although the responsible party (Space Age Fuels, LLC) has a representative with biological expertise at the site, under the NW Area Contingency Plan, the state and federal resource agencies have the authority and responsibility for protection of natural resources.

The monitoring/surveillance would be limited to observations made from boat (supplied with operators) within the area designated as "cold zone" in the Health and Safety Plan (available at the Command Post). There is flexibility with respect to timing over the next few days, but the need for the assistance in protecting fish and wildlife will be even more important in the upcoming days as operations are underway and the runoff at the site increases.

We would like to have ODFW representation and hope you will reconsider the opportunity to assist in the response.

If financial compensation of time spent on the effort is at issue, those costs can be reimbursed by working with the Finance Unit for the response.

Thanks for your help thus far,

Don

Don J Pettit

Senior Emergency Response Planner | Emergency Response Program Oregon Department of Environmental Quality  
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-----Original Message-----

From: SEALS Jason T

Sent: Tuesday, February 19, 2019 3:35 PM

To: COLLINS Jamie <[Jamie.Collins@state.or.us](mailto:Jamie.Collins@state.or.us)>; SEALS Jason T <[T.Jason.Seals@state.or.us](mailto:T.Jason.Seals@state.or.us)>

Cc: THOMS Bryn <[Bryn.Thoms@state.or.us](mailto:Bryn.Thoms@state.or.us)>; KENNEDY Charles <[Charles.KENNEDY@state.or.us](mailto:Charles.KENNEDY@state.or.us)>; PETTIT Don <[Don.PETTIT@state.or.us](mailto:Don.PETTIT@state.or.us)>; GERMOND Jon P <[Jon.p.Germond@state.or.us](mailto:Jon.p.Germond@state.or.us)>; Mike Szumski <[mike\\_szumski@fws.gov](mailto:mike_szumski@fws.gov)>; FRENCH Rod A <[Rod.A.French@state.or.us](mailto:Rod.A.French@state.or.us)>

Subject: RE: Update - 18 Feb 2019 - Lindsey Lake Tanker Spill (I-84, MP 54; OERS 2019-0334)

Jamie and Mike,

After discussing the spill and our role with our Salem staff, we were instructed to be available to you in the event that you need additional fish information or if a fish kill does occur. However, we were also instructed to not participate in surveillance of the site for dead fish and wildlife. So we will not be meeting with you in the morning but are certainly available to discuss any issues. Please feel free to contact me if you need further clarification or have more questions. Thanks.--J

Jason Seals

Asst. District Fish Biologist

Mid Columbia Fish District

Oregon Department of Fish and Wildlife

The Dalles Field Office

541-296-4628

-----Original Message-----

From: COLLINS Jamie

Sent: Tuesday, February 19, 2019 9:31 AM

To: SEALS Jason T <[T.Jason.Seals@state.or.us](mailto:T.Jason.Seals@state.or.us)>; COLLINS Jamie <[Jamie.Collins@state.or.us](mailto:Jamie.Collins@state.or.us)>

Cc: THOMS Bryn <[Bryn.Thoms@state.or.us](mailto:Bryn.Thoms@state.or.us)>; KENNEDY Charles <[Charles.KENNEDY@state.or.us](mailto:Charles.KENNEDY@state.or.us)>; PETTIT Don <[Don.PETTIT@state.or.us](mailto:Don.PETTIT@state.or.us)>; GERMOND Jon P <[Jon.p.Germond@state.or.us](mailto:Jon.p.Germond@state.or.us)>; Mike Szumski <[mike\\_szumski@fws.gov](mailto:mike_szumski@fws.gov)>

Subject: Re: Update - 18 Feb 2019 - Lindsey Lake Tanker Spill (I-84, MP 54; OERS 2019-0334)

Hi Jason:

Copying a few folks on here, Mike is the fish and wildlife service point person currently on scene. Our Incident Command Post is on the north side of the highway in the day use area. You can find us there, it's pretty obvious once you turn in. See you later this afternoon.

Jamie

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Jamie Collins

State On-Scene Coordinator

Oregon Department of Environmental Quality [collins.jamie@deq.state.or.us](mailto:collins.jamie@deq.state.or.us)

(541) 321-3124 (mobile)

Sent from mobile device. Please excuse typos and brevity.

----- Original message -----

From: SEALS Jason T <[T.Jason.Seals@state.or.us](mailto:T.Jason.Seals@state.or.us)>

Date: 2/19/19 9:20 AM (GMT-08:00)

To: COLLINS Jamie <[Jamie.Collins@state.or.us](mailto:Jamie.Collins@state.or.us)>

Cc: GERMOND Jon P <[Jon.p.Germond@state.or.us](mailto:Jon.p.Germond@state.or.us)>

Subject: RE: Update - 18 Feb 2019 - Lindsey Lake Tanker Spill (I-84, MP 54; OERS 2019-0334)

Hi Jamie,

Sorry I was not able to attend the meetings on Saturday with USFWS and NOAA. However, myself and Rod French would like to come by the spill site today and see how things are going. We're planning on being at Viento at about 12:30.

Should we try and find you? We will check in at the trailer and go from there as a starting point.

Jason Seals

Asst. District Fish Biologist

Mid Columbia Fish District

Oregon Department of Fish and Wildlife

The Dalles Field Office

541-296-4628

From: Json (b) (6)

Sent: Tuesday, February 19, 2019 9:14 AM

To: Jason email <[t.jason.seals@state.or.us](mailto:t.jason.seals@state.or.us)>

Subject: Fwd: Update - 18 Feb 2019 - Lindsey Lake Tanker Spill (I-84, MP 54; OERS 2019-0334)

Sent from my iPhone

Begin forwarded message:

From: COLLINS Jamie <[Jamie.Collins@state.or.us](mailto:Jamie.Collins@state.or.us)<<mailto:Jamie.Collins@state.or.us>>>

Date: February 18, 2019 at 10:19:24 PM PST

Subject: Update - 18 Feb 2019 - Lindsey Lake Tanker Spill (I-84, MP 54; OERS 2019-0334) Hello all:

An update on the Lindsey Lake tanker spill (I-84, MP 54):

Today's operations:

- \* Cooperative weather and hard work from our responders allowed us to continue flushing and recovery operations on the north side of the highway today, where we recovered an estimated 10 gallons of spilled diesel fuel using sorbents. Hand crews also completed an interceptor trench just above the shoreline of Lindsey Lake. The trench has been lined with sorbent material, which will be changed as necessary to absorb oily water flowing down the embankment from our flushing operation. An archaeological monitor was on site to observe the digging activity. We have now flushed approx. 20% of the most heavily impacted area on the north side of the roadway.
- \* Crews on the water are using an additional small boat, delivered today, to swap out soft boom as necessary and maintain the hard boom on Lindsey Lake and on the Columbia River. Officers from the Columbia River Inter-Tribal Fish Commission provided some training to our crews on procedures for inadvertent discovery of archaeological resources.
- \* Finally, we expanded our cleanup operation to include a third work area on the south side of the highway. Diesel fuel and oily water were observed flowing from the melting snow bank and onto the road shoulder and one of the

eastbound I-84 travel lanes. This lane has now been closed until we complete cleanup operations, leaving just one travel lane in each direction during daylight hours. 60 gallons of diesel fuel were recovered from this zone using sorbent material and a vacuum truck. An additional 10 gallons of fuel (contained in 40 cubic yards of contaminated snow) was also hauled off site. The Oregon Parks and Recreation Department has closed a trailhead and some hiking trails near the site due to the potential human health impact.

- \* We have recovered an estimated 230 gallons of spilled fuel to date, using a variety of tactics. Our crews are now working in respirators due to the hazard posed by volatile compounds in the diesel fuel.

- \* Shoreline Cleanup and Assessment activities continue by kayak and we have now implemented a formal SCAT plan. We are seeing dissolved phase contamination for several petroleum constituents below screening values designed to evaluate risk to aquatic life. With advice from our U.S. Fish & Wildlife Service observer, we will be installing an underwater bubbler screen along the impacted area to mitigate dissolved phase transport into Lindsey Lake. DEQ's toxicologist will be evaluating environmental data for risk to aquatic life.

#### Outlook for tomorrow:

- \* Tomorrow will be the most complex day of operations to date. We will have crews continuing flushing and recovery work on the north side of the highway, where we will employ a hydronic surface heater to accelerate snow melt and fuel recovery.

- \* On the south side of the highway, we will be removing large quantities of diesel-laden snow and trucking it off site to a treatment facility in Wilsonville. Crews will be simultaneously collecting liquid diesel fuel and oily water using a vacuum truck and sorbents.

- \* On the water, crews will continue boom maintenance and assist the land-based crews in recovering any fuel traveling down slope to the lake. Additional sorbent boom will be deployed on the east side of Lindsey Creek.

#### Environmental monitoring and assessment activities:

- \* We are now receiving regular updates with environmental sample data. These data will allow us to complete a site environmental data picture for surface water, subsurface water column, soil and sediment.

- \* We have completed an initial estimate of volume of diesel contained in impacted snow along the roadway. This estimate will inform recovery rates and total volume of diesel recovered.

- \* Looking forward, we are evaluating a plan to conduct drilling and diesel fuel recovery in subsurface soil below the embankment to mitigate future potential for sheening into Lindsey Lake.

Very respectfully,

Jamie

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Jamie Collins

State On-Scene Coordinator

Eastern Region

Oregon Department of Environmental Quality

475 NE Bellevue Dr., Suite 110

Bend, OR 97701

541-633-2010 (office)

541-321-3124 (mobile)

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Unsure when and how you should report an oil spill or release of hazardous materials in the State of Oregon? Visit <https://www.oregon.gov/deq/Hazards-and-Cleanup/env-cleanup/Pages/How-To-Report-A-Spill.aspx>